

ENCRYPTION OF FINANCIAL INFORMATION

ABSTRACT OF THE DISCLOSURE

A kiosk terminal includes a touch screen for input of financial information by a user to define a method of payment, and to specify goods or services to be purchased. An encryption processor receives the x/y coordinates of each touch to the touch screen, and encrypts the same for transfer to a main processor unit. The main processor unit decrypts the data, determines if the data is sensitive, such as a PIN input by the user, and encrypts such sensitive data for transmission to a financial network. The decrypted data determined by the main processor unit to be nonsensitive is converted to "mouse clicks" and applied to an application program to drive the CRT associated with the touch screen.